

1 mktngfhkdfawkkcllgasvgallvgcsphietnevalklnyh
61 lrpafqysd
121 vamngeivlrpdpkrtiqkksepglfstgldkmevlipagfvkvtilepmsgesldsf

181 tmdlseldiqekflktthsshsgglvstmvkgtdnsndaiksalnkifgsimqeiddklt
241 qknlesyqkdakelkgkrnr

FIG. 1

<i>Streptococcus pneumoniae</i> pspA homologous sequence ->	x x x I D K x x T Q K x L E x x x x D A x E L x x x x x
<i>H. pylori</i> flagellar sheath adhesion protein sequence ->	M Q E I D K K L T Q K N L E S Y Q K D A K E L K G K R N
<i>Mycoplasma hominis</i> Lp1 homologous sequence ->	x x E I x K K L x x x x x E S x x K D A K E L x G x R N

FIG 2a

Streptococcus pneumoniae pspA homologous sequence ->

H. pylori flagellar sheath adhesion protein sequence ->

Mycoplasma hominis Lp1 homologous sequence ->

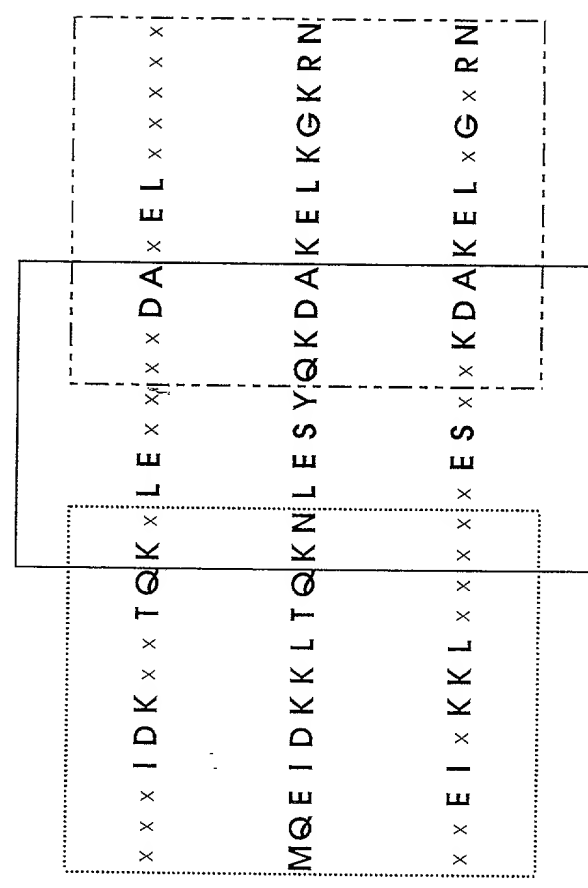


Figure 3 Plot

Figure 4 Plot

Figure 5 Plot

FIG 2b

Fig. 3

H. pylori Peptide MQEIDKKLTQKN Test Data

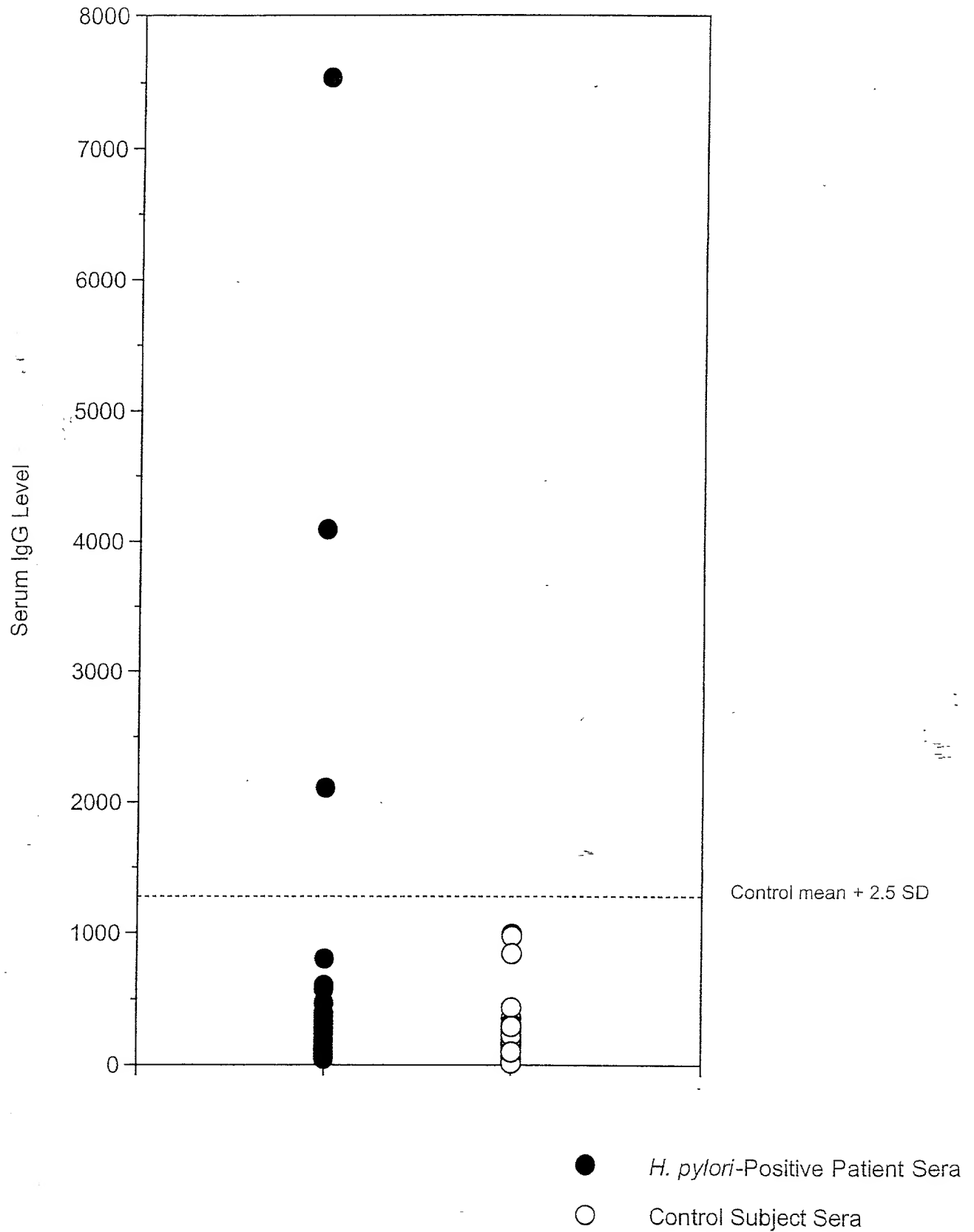


Fig 4

H. pylori Peptide KNLESYQKDA Data

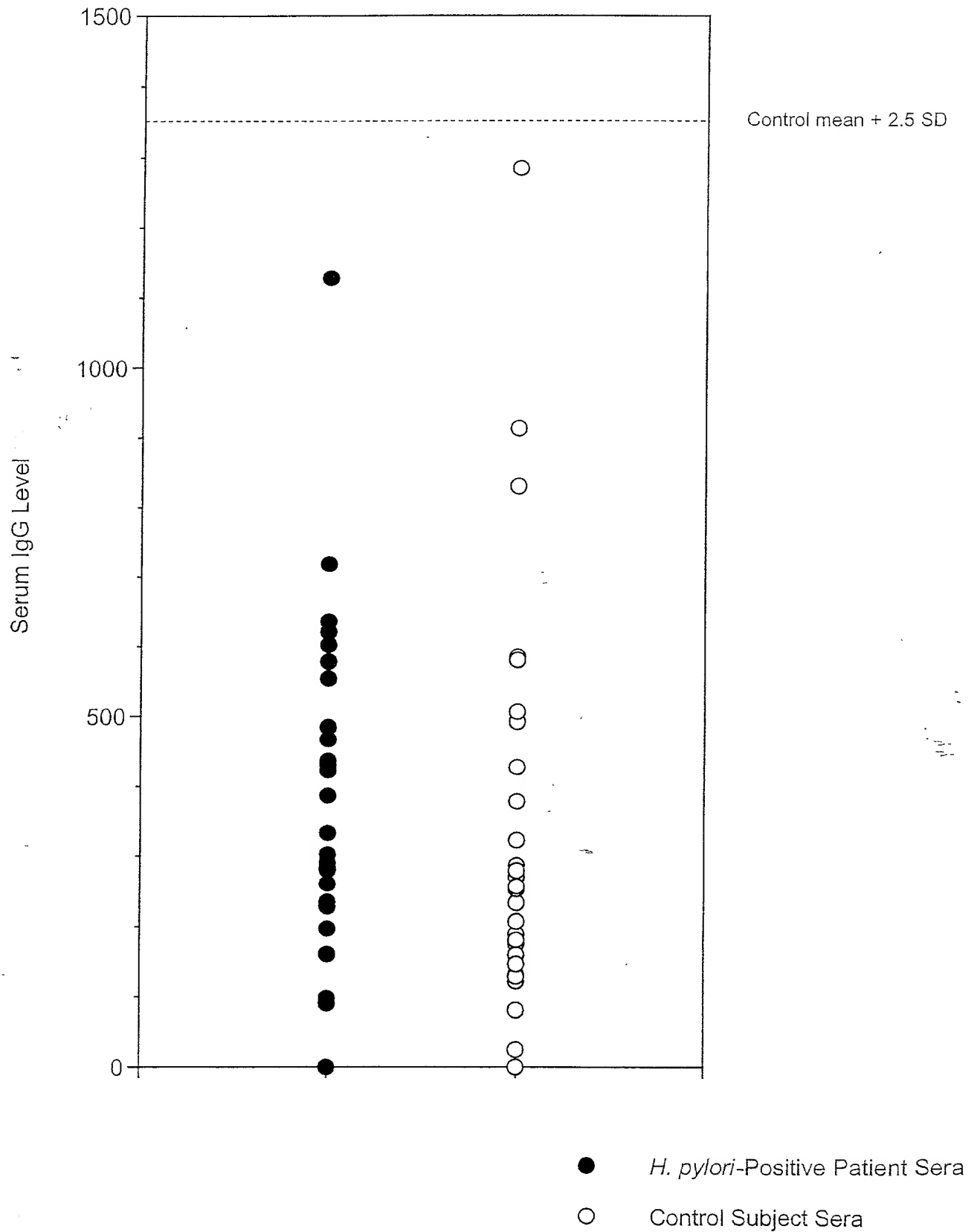


Fig 5

H. pylori Peptide QKDAKELKGKRN Data

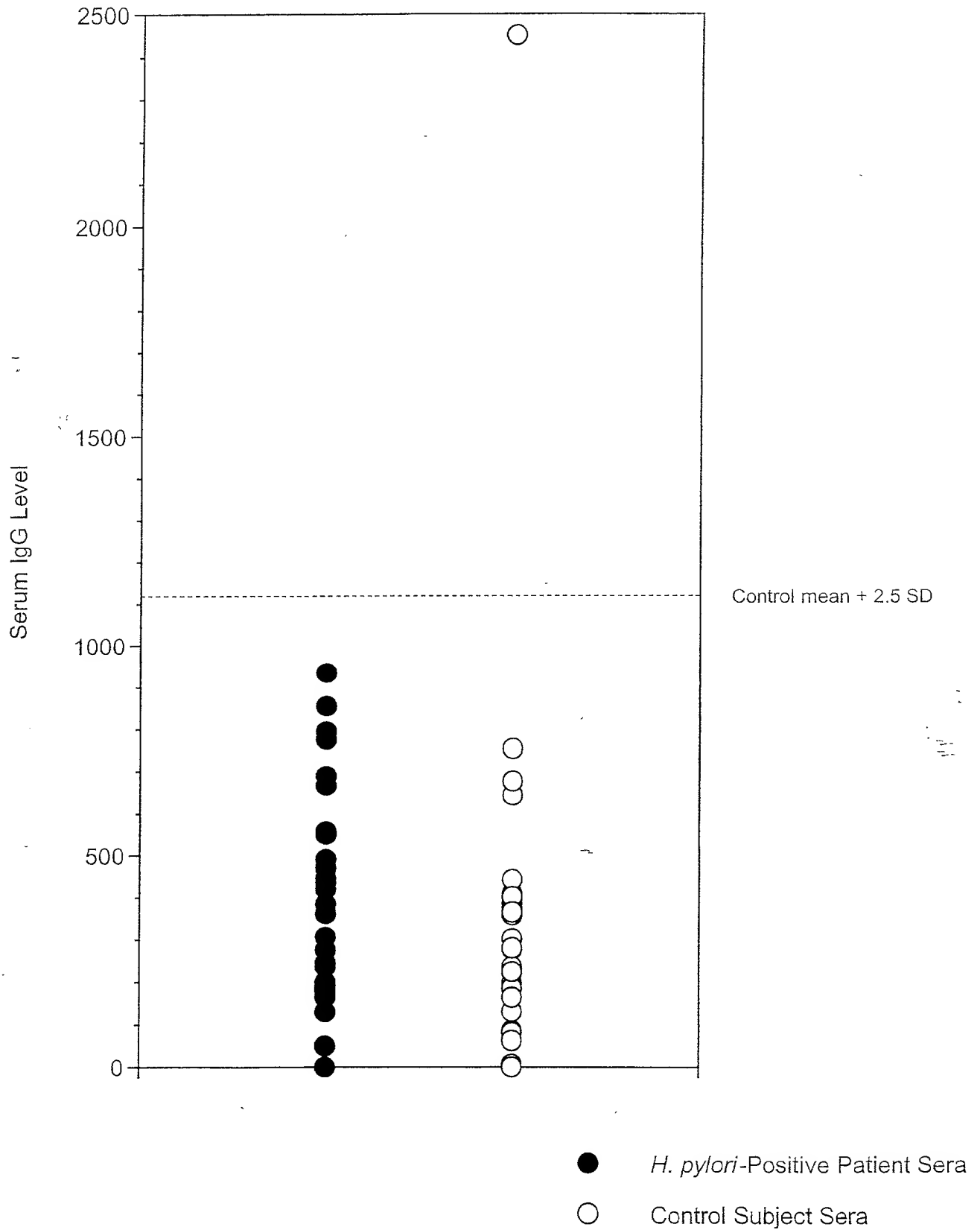


FIG. 6

Parent <i>H. pylori</i> Protein	Functionally Specific Peptide Antigens
Adhesin 2	LPALKENNGKV
Iron-Regulated Outer Membrane Protein	VTTKGERTFEYNN
Lipid A Disaccharide Synthase	LEQNEGFKRRV
LPP20 Lipoprotein	TVDASGKRSISG
Flagellar Sheath Adhesin	MQEIDKKLTQKN
Outer Membrane Protein 1	NTRYDRWAKD
Outer Membrane Protein 19	INGDKRTGGKPNTPE
Outer Membrane Porin 1	SSSEYEKLKA
Outer Membrane Porin 2	KEQIIIEAKGPDV
Vacuolating Cytotoxin	QQTHRKINRP
	KQAEEANKTP
	KTPDKPDKVW

FIG. 7a

SCANNED, #2

Number of IgG-Positive Results On Individual Peptide Assays

[illegible]

76
LIG.

Number of IgG-Positive Results On Individual Peptide Assays

[illegible]

Human Type II CollagenFunctionally Specific Peptide Antigens

QGQDVRQPG

GRDGE

GGFDEKAGGA

WPGLPGA

GLPGTPGTDGPKGASGPAGPPGAQGPPG

GPEGAPGKDGGGRGLT

GEVGPPGPAGSAGARGAP

TGPKGARGAQGPPGATGFPGAA

NGNPGPPGPPGPS

LQGPAGPP

AVGAPGAPGPPGSPGPAGPTGKQGD

KGHRGFTGLQ

IGPPGPRGRSGETGPAGPPGN

Fig 8